

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 106971
Permit No. _____
Basin 054

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

Please complete this form in its entirety in
accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 61279

1. OWNER Barrick/Cortez Gold Mines ADDRESS AT WELL LOCATION Cortez Hills
MAILING ADDRESS HC66 Box 1250 CHPZ-71
SW Crescent Valley, NV 89821 Subdivision Name: _____ County: Lander

2. LOCATION NW 1/4 Twp 6 N R 26N N/S R 48 E Latitude 40.154063 UTM E 533863.609 NAD 27
PERMIT/WAIVER No. NE M/O-1483 Longitude 116.602349 N 4444722.375 NAD 83/WGS 84

Issued by Water Resources Parcel No. _____

3. WORKED PERFORMED New Well Replace Recondition
 Deepen Other

4. PROPOSED USE Domestic Irrigation Test Municipal/Industrial Monitor Stock

5. WELL TYPE Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Broken Gravel/Alluvium		0	270	270
Bedrock @ 270				
Gray/Black with White rock		270	390	120
Darker Gray with White rock		390	510	120
Gray/Black/Brown/White mix		510	600	90
Broken Soft Grayrock & White clay		600	620	20
Black/Gray/White mix rock		620	920	300
Gray with brown rock		920	970	50
Black Rock		970	1070	100
Light Gray with Brown Rock		1070	1160	90
Gray & Black Rock		1160	1220	60
Black Rock w some white		1220	1650	430
Light Gray and Brown Rock				
Some Black		1650	1760	110
Black Rock		1760	1800	40
1st noticed water @ 770'				
6 gpm water @ 800'				
24 gpm water @ 900'				
56 gpm water @ 1000'				
86 gpm water @ 1200'				
100 gpm water @ 1460'				
120 gpm water @ 1480'				
160 gpm water @ 1800'				

9. WELL CONSTRUCTION

Depth Drilled 1800 Feet Depth Cased 1800 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
12 1/4 Inches	0	40
6 3/4 Inches	40	990
6 1/2 Inches	990	1800

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8		.188	0	40
2		Sch. 80 PVC	0	1800

Perforations:

Type of perforation Slotted
Size of perforation 0.02

From	To
Blank PVC	0 feet to 1600 feet
Slotted PVC	1600 feet to 1800 feet
	feet to feet
	feet to feet
	feet to feet

Annular Seal: Yes No

<input checked="" type="checkbox"/> Neat Cement	0 to 54	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> ≥30% Bentonite Grout	400 to 1598	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
Gravel Pack:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 1598 to 1800	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
Type:	1/4" Well Gravel		
Bentonite Chips:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 54 to 400	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
Type:	3/8" Bentonite Hole Plug		

Date started: 23-Jan, 2008
Date completed: 8-Feb, 2008

7. Water Level

Static water level: 575 feet below land surface
Artesian Flow: No G.P.M. N/A P.S.I.
Water Temperature: Cool °F
Quality: Good

8. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
160 GPM While drilling @ 1800'			

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Eklund Drilling Company, Inc.
Contractor

Address PO Box 2748
Contractor

Elko, NV 89803

Nevada contractor's license number 0030823
issued by the State Contractor's Board

Nevada driller's license number issued by the Division of Water Resources, the on-site driller M-2298

Signed August Wildenow
by driller performing actual drilling on site or contractor

Date 2/22/2008